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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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09/443,125 11/18/99 FREENY

TM02/0214

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ART UNIT NATTAR, B	PAPER NUMBER 7
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DATE MAILED:

02/14/01

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Office Action Summary

Application No.

09/443,125

Applicant(s)

Freeny

Examiner

Saleh Najjar

Group Art Unit

2154



☒ Responsive to communication(s) filed on Nov 18, 1999

☐ This action is **FINAL**.

☐ Since this application is in condition for allowance except for formal matters, **prosecution as to the merits is closed** in accordance with the practice under *Ex parte Quayle* 35 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire 3 month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

Disposition of Claim

☒ Claim(s) 1 and 18-34 is/are pending in the applicat

Of the above, claim(s) _____ is/are withdrawn from consideration

☒ Claim(s) 25-34 is/are allowed.

☒ Claim(s) 1 and 18-22 is/are rejected.

☒ Claim(s) 23 and 24 is/are objected to.

☐ Claims _____ are subject to restriction or election requirement.

Application Papers

☒ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

☐ The drawing(s) filed on _____ is/are objected to by the Examiner.

☐ The proposed drawing correction, filed on _____ is ☐ approved ☐ disapproved.

☐ The specification is objected to by the Examiner.

☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☐ All ☐ Some* ☒ None of the CERTIFIED copies of the priority documents have been

☐ received.

☐ received in Application No. (Series Code/Serial Number) _____

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

☒ Notice of References Cited, PTO-892

☒ Information Disclosure Statement(s), PTO-1449, Paper No(s). 5-6

☐ Interview Summary, PTO-413

☒ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

--- SEE OFFICE ACTION ON THE FOLLOWING PAGES ---

1. This action is responsive to the preliminary amendment filed on May 25, 2000. Claims 2-18 were canceled. Claim 1 was amended. Claims 18-34 are newly added. Claims 1, and 18-34 are pending. Claims 1, and 18-34 represent an apparatus directed toward a split personal computer system.

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

3. Claims 1, and 18-22 are rejected under 35 U.S.C. 102(e) as being anticipated by Naiff, U.S. Patent No. 5,982,363.

Naiff teaches the invention as claimed including a personal computer based set top converter for television services (see abstract).

As to claim 1, Naiff teaches a split personal computer system for selectively processing video portions, input/output portions, computational portions and storage portions of personal computer tasks (see figs. 1-2, abstract)), comprising:

a remote portion adapted to selectively perform the computational portions and the storage portions of the personal computer tasks (see figs. 1-2; col. 5, Naiff discloses a personal computer 20 having the necessary computational capabilities);

a local portion remotely located with respect to the remote portion and adapted to selectively perform the video portions and the input/output portions of the personal computer tasks (see figs. 1-2; col. 5, Naiff discloses a system that includes a video input/output unit 22, user interface module 24 and communication means for interfacing

with the personal computer 20), the local portion comprising:

a display unit located remotely from the remote portion of the split personal computer system (see figs. 1-2; col. 6, Naiff discloses a television 22 for outputting video and text data received from personal computer 20);

an accessory unit in communication with the display unit, the accessory unit outputting video signals to the display unit so as to perform video and output portions of the personal computer tasks (see figs. 1-2; col. 5-6, Naiff discloses a user interface module 24 for receiving and transmitting data between television 22 and personal computer 20);

an input unit in communication with the accessory unit to input data signals into the accessory unit for performing input portions of the personal computer tasks (see fig. 1, Naiff discloses a user input unit 26 for inputting commands through the interface module 24 for communicating to the personal computer 20);

communication means for interfacing the accessory unit with the remote portion of the split personal computer system for permitting data signals received by the accessory unit from the input unit to be transmittable from the accessory unit to the remote portion of the split personal computer system, the data signals being processable by the remote portion of the split personal computer system to generate output signals, the output signals including video signals and being transmittable from the remote portion of the split personal computer system to the accessory unit, and transmittable from the accessory unit to the display unit (see figs. 1-3; col. 6-8, Naiff discloses user interface module 24 having communication means 18, 14 that may comprise wire communication means or wireless communication means to allow data communication with personal computer 20).

As to claim 18, Naiff teaches a split personal computer system for selectively

processing video portions, input/output portions, computational portions and storage portions of personal computer tasks as in claim 1 above, wherein the accessory unit of the local portion of the split personal computer system is disposed in a portable housing (see figs. 1-2).

As to claim 19, Naiff teaches a split personal computer system for selectively processing video portions, input/output portions, computational portions and storage portions of personal computer tasks as in claim 1 above, wherein the accessory unit of the local portion of the split personal computer system comprises:

- a local computer (see fig. 1; element 20);

- an interface in communication with the local computer (see figs. 1-2; col. 5-6, Naiff discloses a user interface module connected to television unit and personal computer 20, and cable interface 12); and

- a signal separator interface means in communication with the local computer and the interface for receiving at least two types of signals and for selectively transmitting the signals to one of the local computer and the interface based on an identifier included in the signals (see figs. 1-2; col. 5-7, Naiff discloses a notch filter connected with the cable system and connected to user interface module 24 and personal computer 20).

As to claim 20, Naiff teaches a split personal computer system for selectively processing video portions, input/output portions, computational portions and storage portions of personal computer tasks as in claim 1 above, wherein the communication means includes:

- a first communication link means for transmitting data in between the accessory unit and the remote portion of the split personal computer system (see figs. 1-2, 7; col.

6-9, Naiff discloses several embodiments where the user interface unit 24 is linked to personal computer 20 through wireless means); and

a second communication link means for selectively transmitting video signals from the remote portion of the split personal computer system to the accessory unit (see fig. 7; col. 6-9, Naiff discloses that a separate wireless channel can be utilized for transmitting data from personal computer 20 to television 22).

As to claim 21, Naiff teaches a split personal computer system for selectively processing video portions, input/output portions, computational portions and storage portions of personal computer tasks as in claim 20 above, wherein the first communication link means are telephone communication links, and the second communication link means are television communication links (see col. 7-8, Naiff discloses that in home wiring or RF could be used to communicate between PC 20 and television 22).

As to claim 22, Naiff teaches a split personal computer system for selectively processing video portions, input/output portions, computational portions and storage portions of personal computer tasks as in claim 1 above, wherein the accessory unit of the local portion of the split personal computer system is included in a cable television interface box which is selectively connectable to a cable television connection (see figs. 1-7; col. 6-9).

4. Claims 23-24 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

5. Claims 25-34 are allowed.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Saleh Najjar whose telephone number is (703) 308-7613. The examiner can normally be reached on Monday-Friday from 6:30 to 3:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, AN MENG AI, can be reached on (703) 305-9678. The fax phone number for this Group is (703) 308-9052.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-9600.



Saleh Najjar

Examiner Art Unit 2154